

Manufactured by Opinicus/Textron and placed into service in November 2014, FlyRight's King Air 350i simulator augments our world-class King Air training programs. Equipped with RockwellCollins ProLine21 avionics and a 200 degree daylight visual system, this state-of-the-art simulator will impress the most demanding operators.



Simulator Specifications:

| Component | Provider/ Manufacturer | Description |
|--|----------------------------|---|
| Cockpit structure | Beechcraft | Actual King Air cockpit (entire aircraft nose section). Panels supplied by Beechcraft including headliner, overhead panels, subpanels, circuit breaker panels, pedestal, quadrant, etc. |
| Host System | Opinicus/Textron | PCI, LINUX based, POSIX compliant OS. 120Hz real-time capable with minimum 50% spare capacity |
| Aircraft Data Package | Rockwell Collins | BE30 Level-D (Part-60) data package from Rockwell Collins. Includes aero and engine data and modeling prepared by Opinicus Cop and Rocwell Collins.. |
| Motion System Hydraulic System Motion Controller | FlightSafety Opinicus | 36" Excursion FlightSafety actuators. Dual 60 HP FSI HPU. RealCue Digital Controller |
| Visual System | Redifun (RSI) | Front Projection display with three-channel 200 degree x 40 degree Field of Field of Vue. LED projectors and full-daylight capability. Raster XT4 Image Generators with "Anywhere" airport capability.x 2 image. |
| Control Loading | Opinicus/Textron | RealFeel Digital, including throttles (for simulated linkage failure). |
| Avionics & Instruments | Rockwell Collins SimTek | Rockwell Collins ProLine21 simulated avionics suite, including IFIS and FMS 3000. Analog gauges (flaps, fuel, etc) provided by SimTek and FlightSafety Simulation |
| Sound System | SimPhonics | SMX Digital Sound |
| Instructor Operating Station | Opinicus/Textron | Dual 21-inch touch-screen. Complete malfunctions, repositioning, and host controls. Windshear modules as well as all FAA-required Level-D simulations (icy runway, etc.). |